

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055382.D
 Acq On : 31 Oct 2022 16:21
 Operator : CG/JU
 Sample : N5313-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-SE-QUARTER

Quant Time: Nov 01 06:49:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

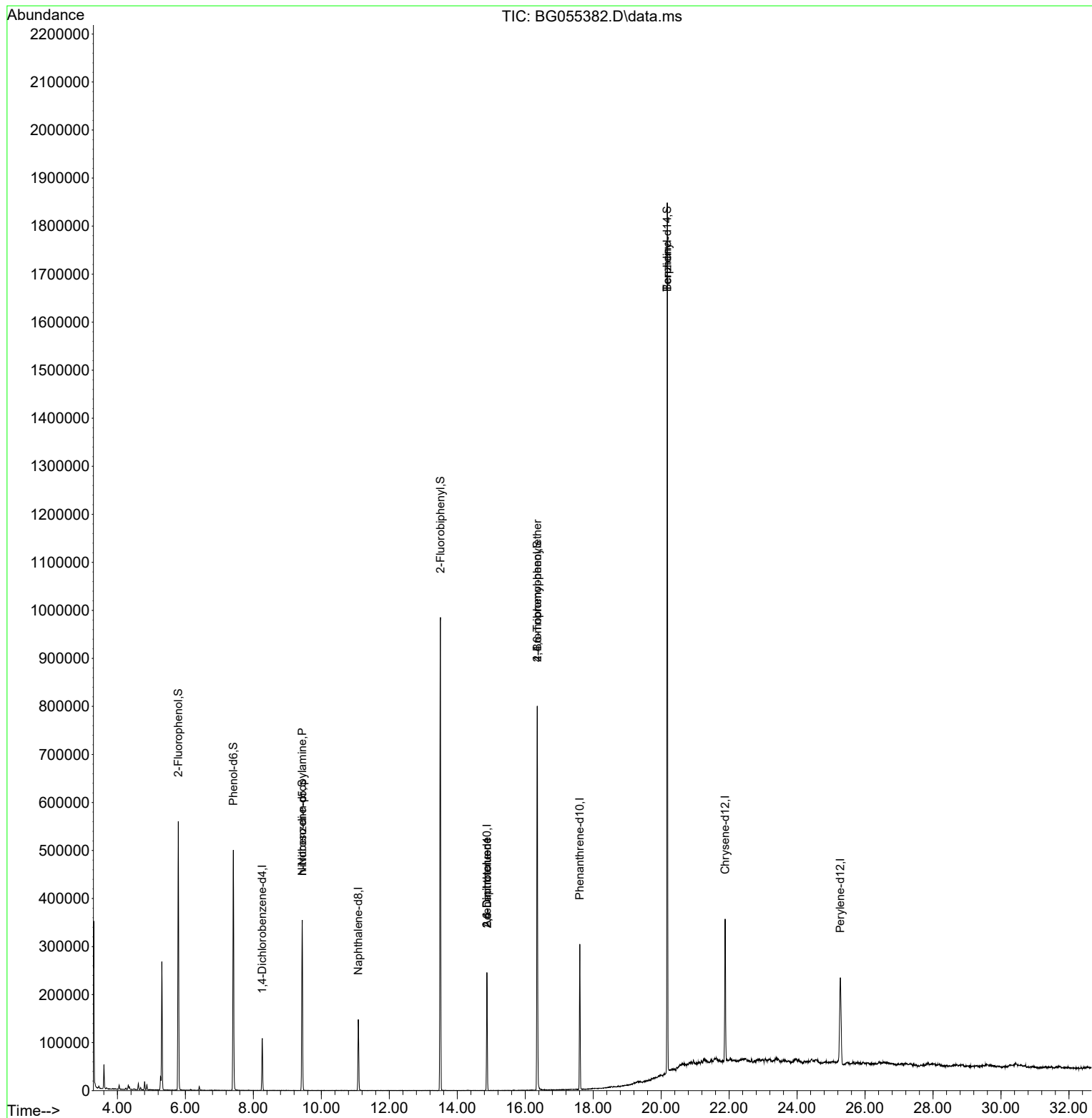
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	32305	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	130849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	87793	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	192811	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	190506	20.000	ng	0.00
86) Perylene-d12	25.273	264	206109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	259921	140.880	ng	0.00
7) Phenol-d6	7.412	99	306634	114.718	ng	0.00
23) Nitrobenzene-d5	9.439	82	227694	88.857	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	182310	191.023	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	541659	100.983	ng	0.00
79) Terphenyl-d14	20.179	244	926162	101.009	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.439	70	30090	13.556	ng	# 76
51) 2,6-Dinitrotoluene	14.874	165	11288	8.048	ng	# 19
57) 2,4-Dinitrotoluene	14.874	165	11288	5.546	ng	# 18
67) 4-Bromophenyl-phenylether	16.354	248	11619	6.203	ng	# 1
77) Benzidine	20.179	184	13818	2.996	ng	# 89

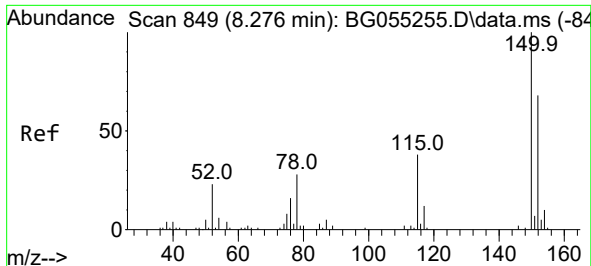
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055382.D
Acq On : 31 Oct 2022 16:21
Operator : CG/JU
Sample : N5313-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

Quant Time: Nov 01 06:49:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

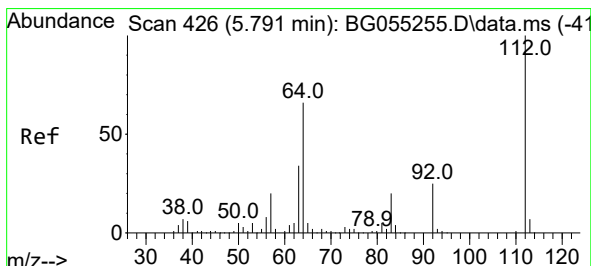
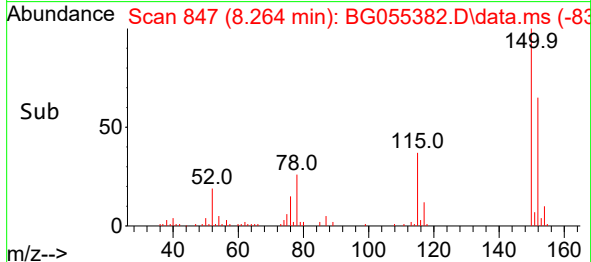
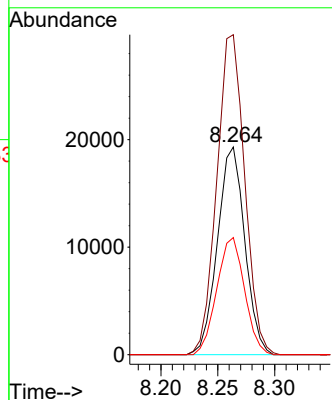
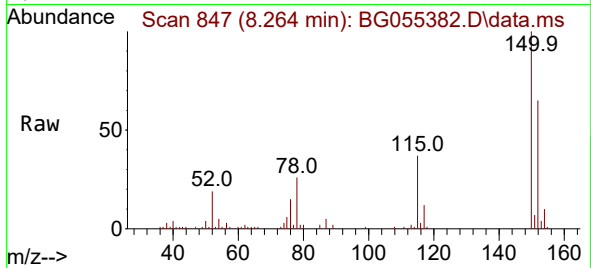




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

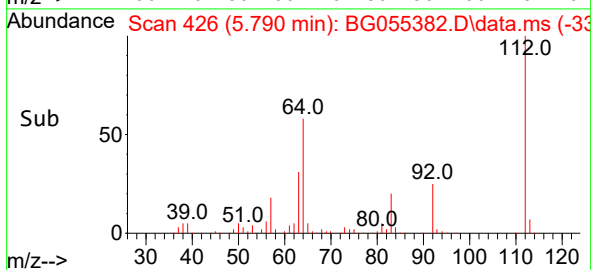
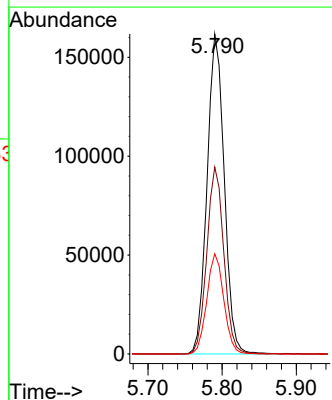
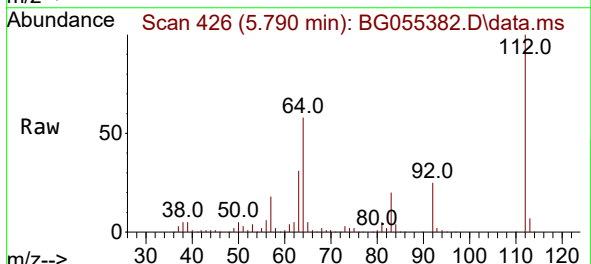
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

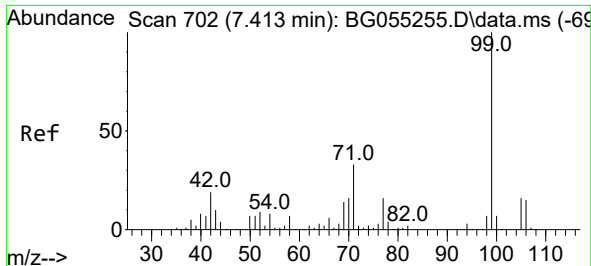
Tgt Ion:152 Resp: 32305
Ion Ratio Lower Upper
152 100
150 154.0 118.2 177.4
115 56.4 44.5 66.7



#5
2-Fluorophenol
Concen: 140.880 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:112 Resp: 259921
Ion Ratio Lower Upper
112 100
64 58.4 52.6 78.8
63 31.3 27.1 40.7

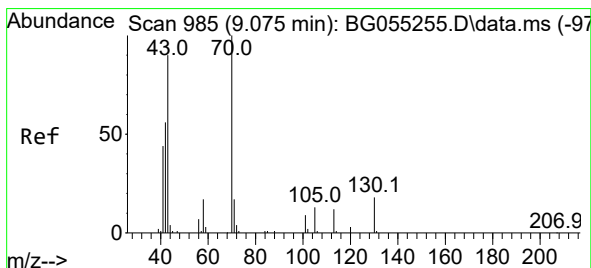
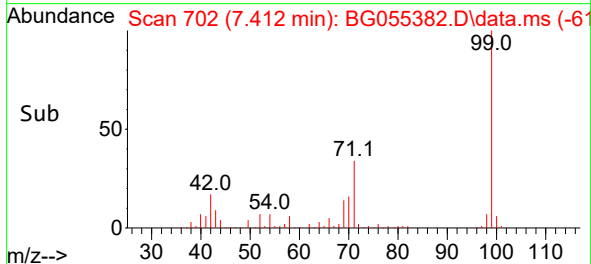
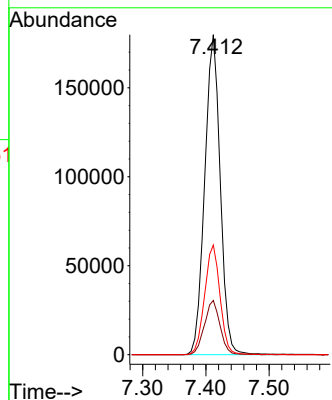
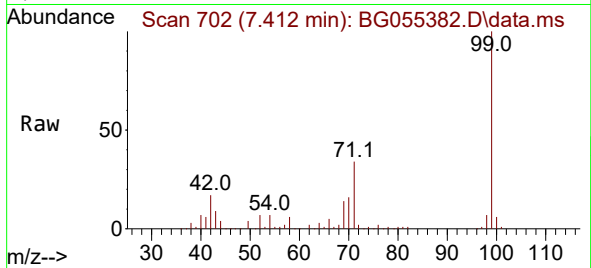




#7
Phenol-d6
Concen: 114.718 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

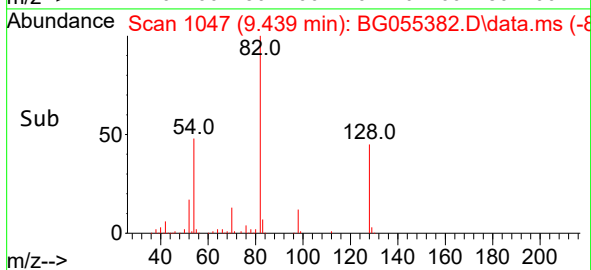
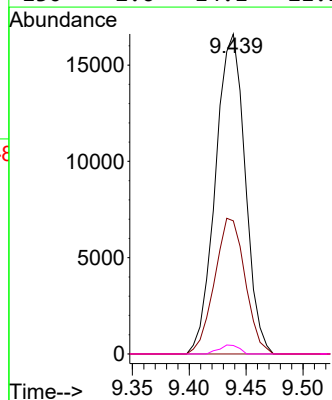
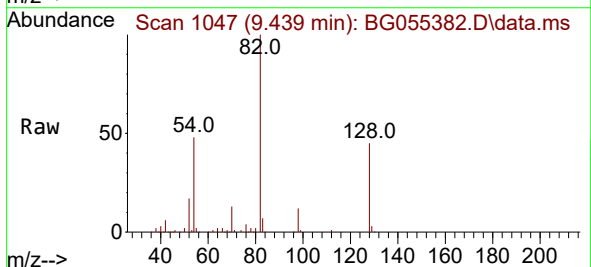
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

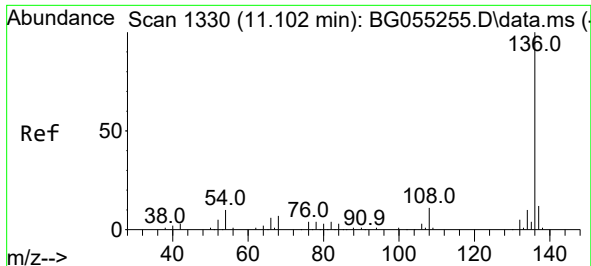
Tgt Ion: 99 Resp: 306634
Ion Ratio Lower Upper
99 100
42 17.0 15.2 22.8
71 34.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.556 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.369 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion: 70 Resp: 30090
Ion Ratio Lower Upper
70 100
42 41.6 45.8 68.6#
101 0.0 7.4 11.0#
130 2.6 14.1 21.1#

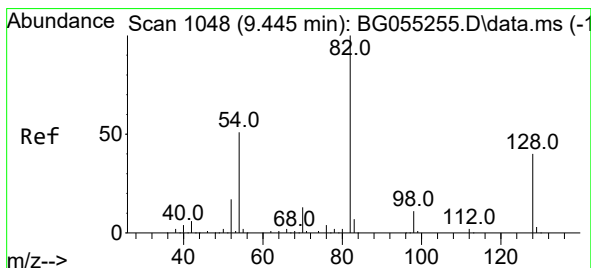
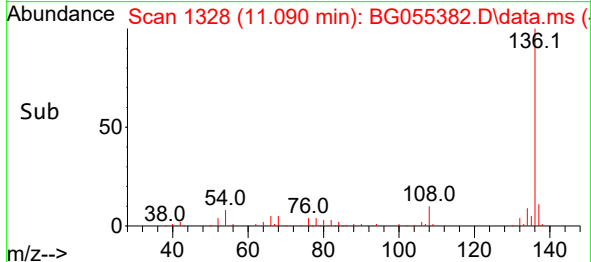
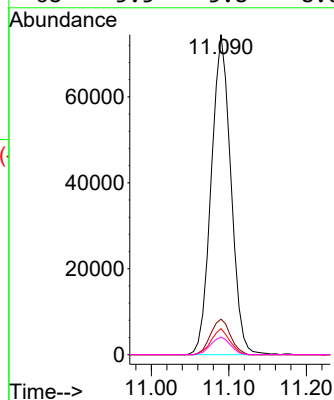
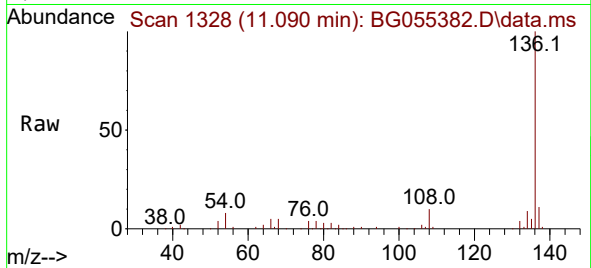




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

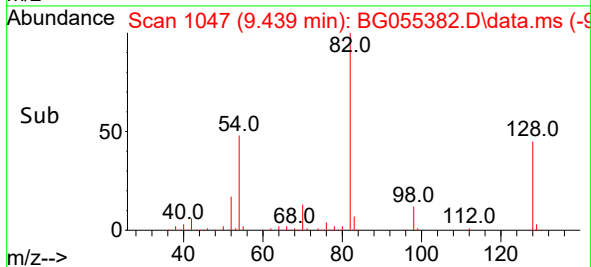
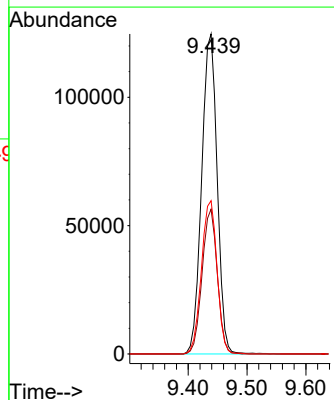
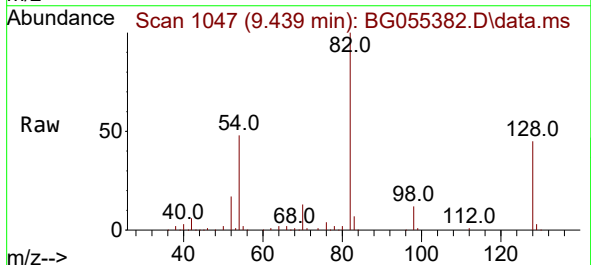
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

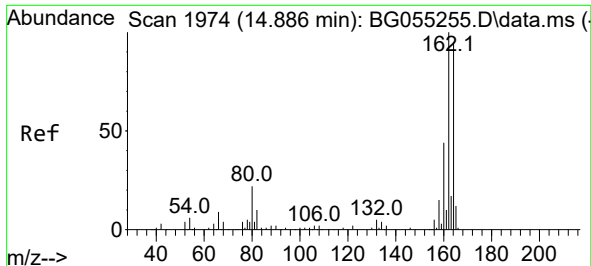
Tgt Ion:136 Resp: 130849
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.2 7.8 11.8
68 5.5 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 88.857 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion: 82 Resp: 227694
Ion Ratio Lower Upper
82 100
128 45.2 32.0 48.0
54 47.9 40.9 61.3

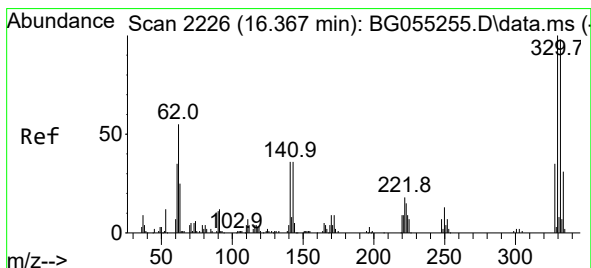
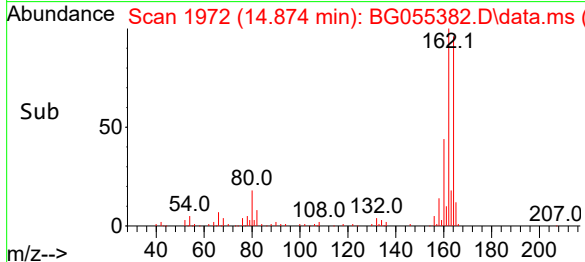
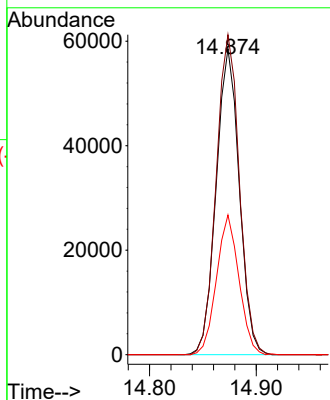
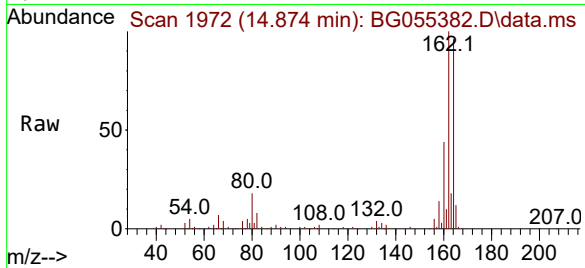




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

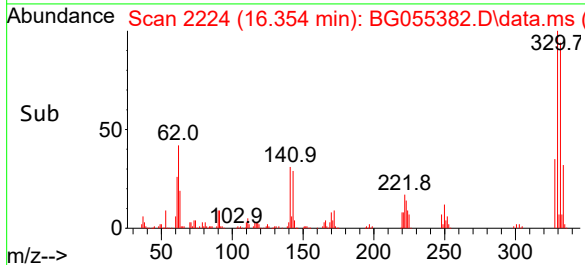
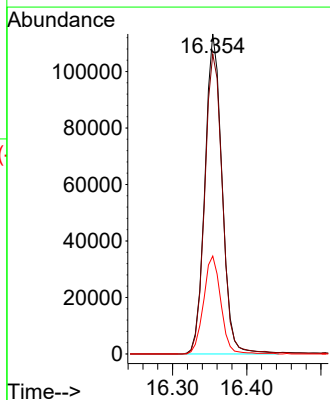
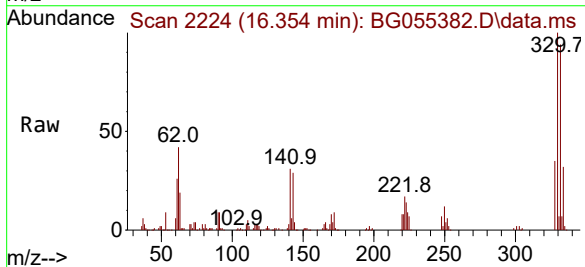
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

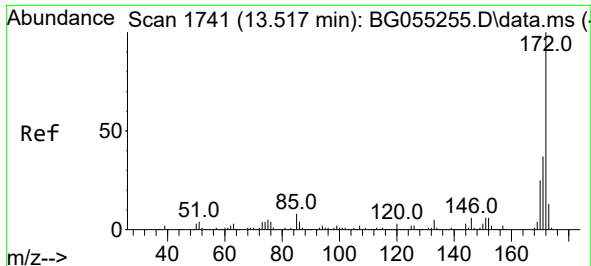
Tgt Ion:164 Resp: 87793
Ion Ratio Lower Upper
164 100
162 104.6 84.0 126.0
160 45.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 191.023 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:330 Resp: 182310
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 30.8 29.8 44.8

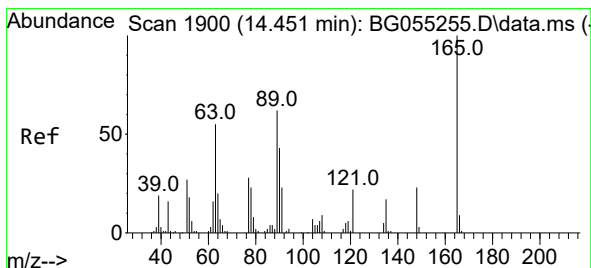
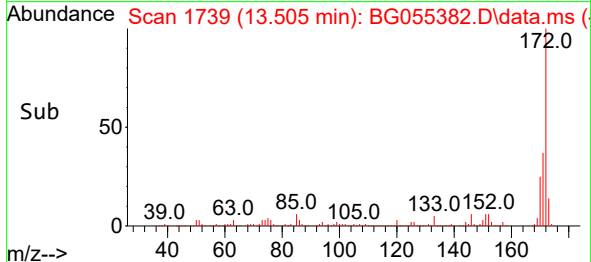
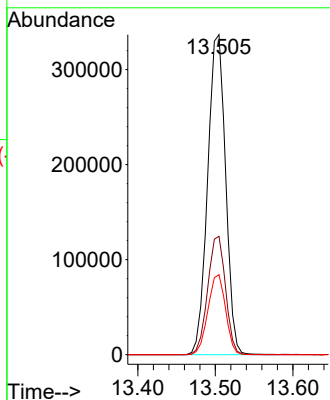
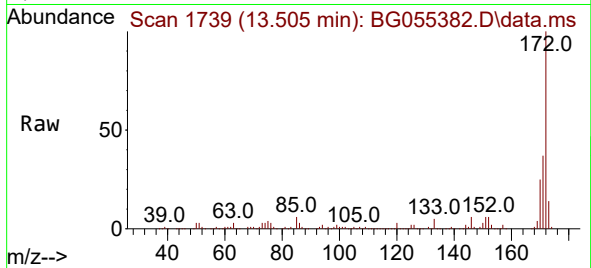




#45
2-Fluorobiphenyl
Concen: 100.983 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

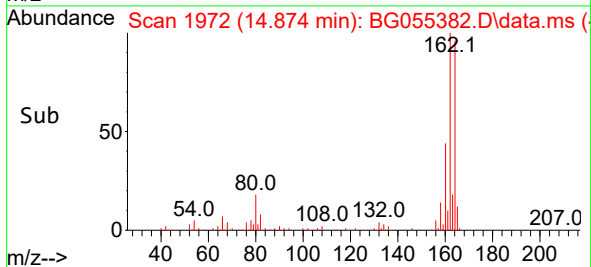
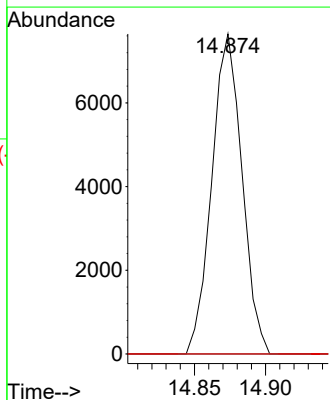
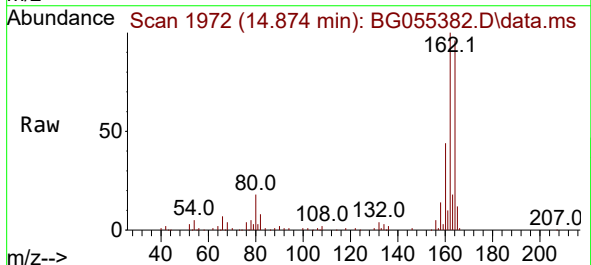
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

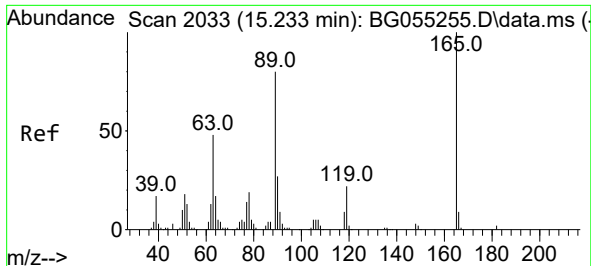
Tgt Ion:172 Resp: 541659
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.048 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.422 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:165 Resp: 11288
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.546 ng

RT: 14.874 min Scan# 14

Delta R.T. -0.360 min

Lab File: BG055382.D

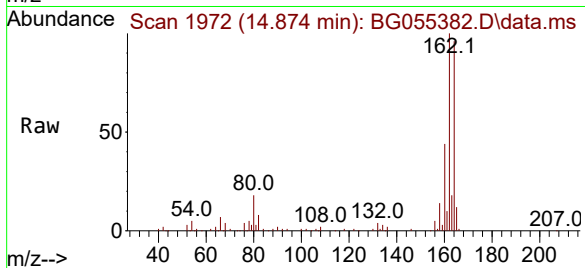
Acq: 31 Oct 2022 16:21

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-SE-QUARTER



Tgt Ion:165 Resp: 11288

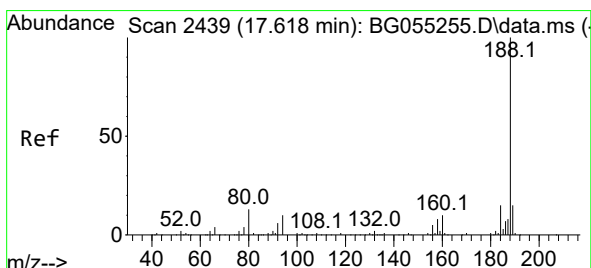
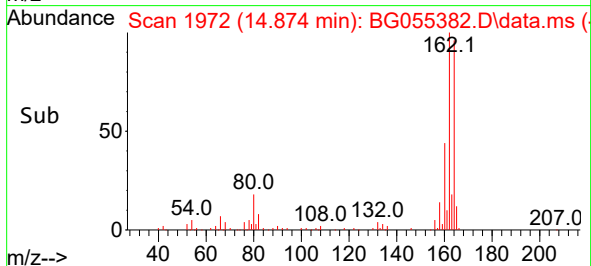
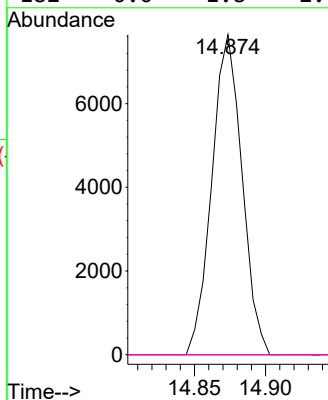
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.606 min Scan# 2437

Delta R.T. -0.007 min

Lab File: BG055382.D

Acq: 31 Oct 2022 16:21

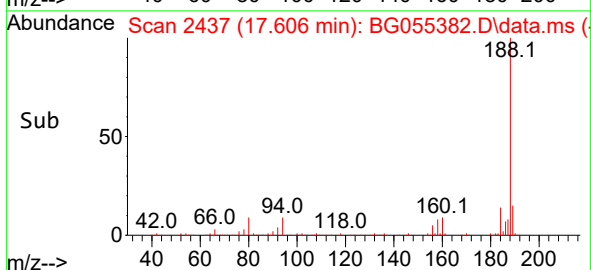
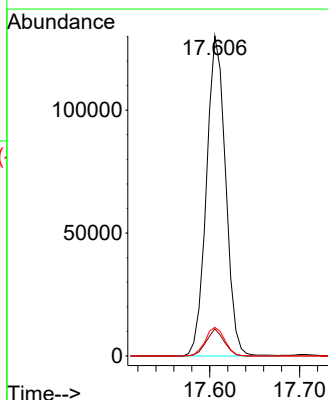
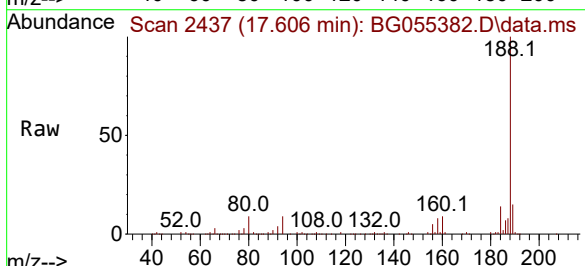
Tgt Ion:188 Resp: 192811

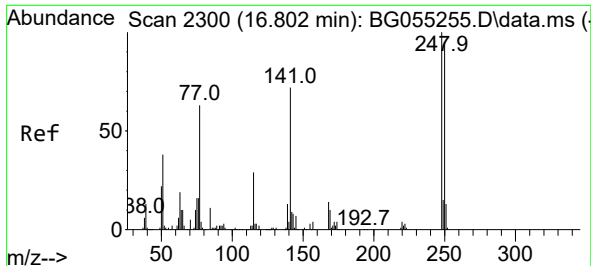
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.4

80 8.9 10.1 15.1#

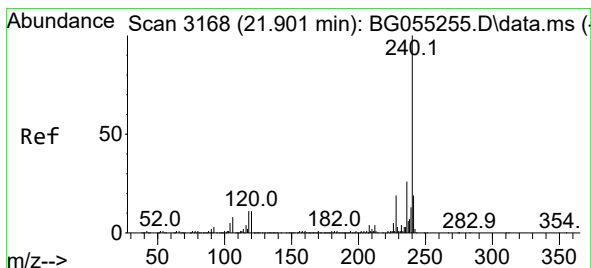
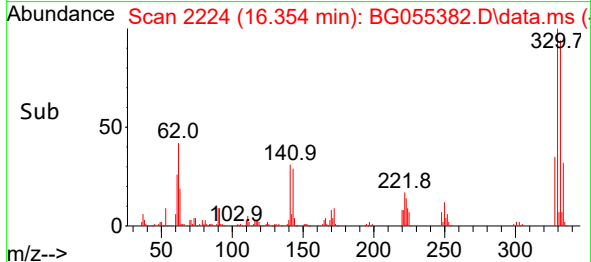
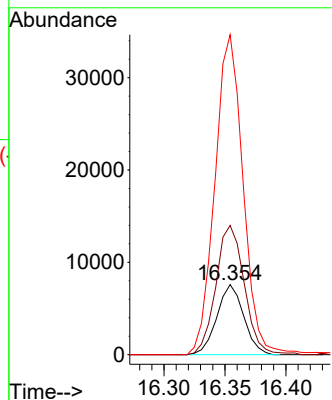
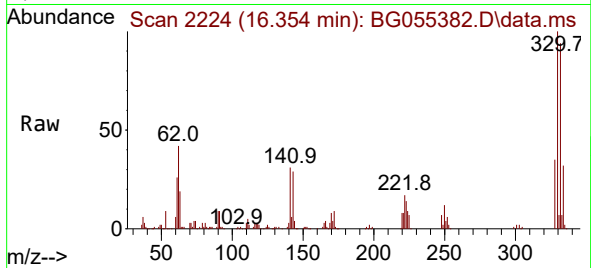




#67
4-Bromophenyl-phenylether
Concen: 6.203 ng
RT: 16.354 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

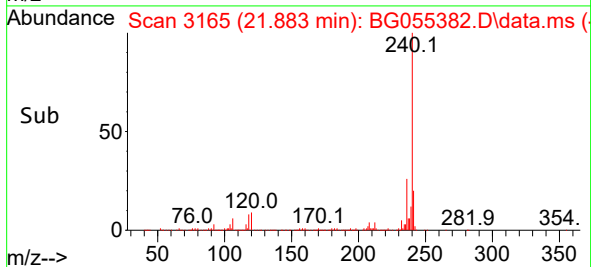
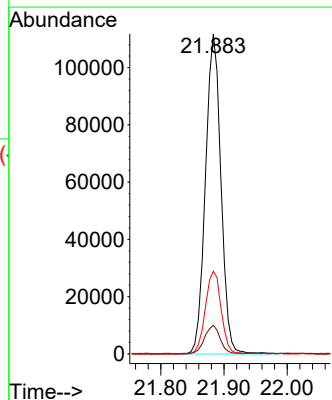
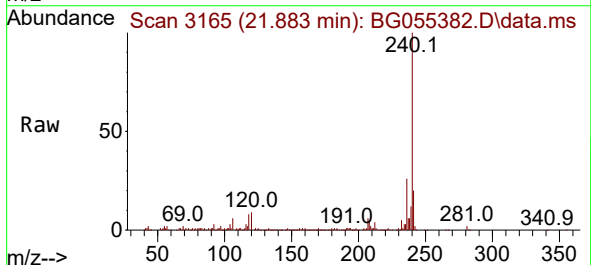
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

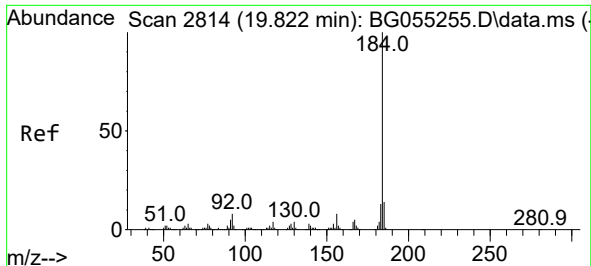
Tgt Ion:248 Resp: 11619
Ion Ratio Lower Upper
248 100
250 184.6 76.0 114.0#
141 457.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Tgt Ion:240 Resp: 190506
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.9 21.0 31.4

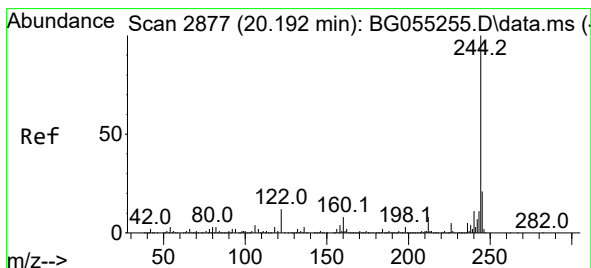
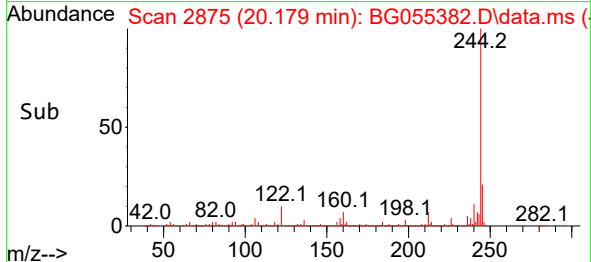
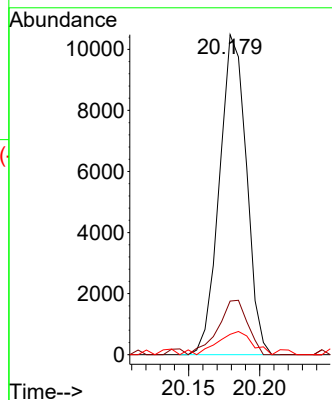
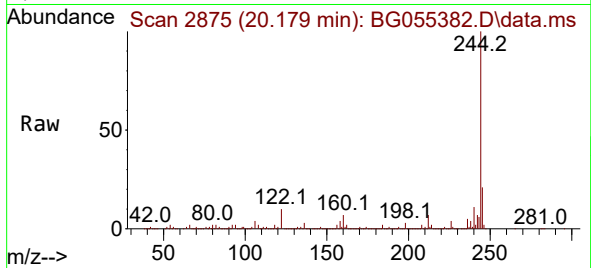




#77
Benzidine
Concen: 2.996 ng
RT: 20.179 min Scan# 2875
Delta R.T. 0.363 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

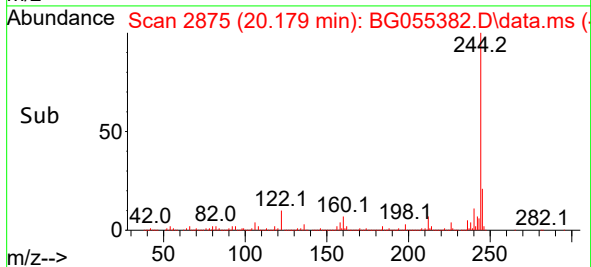
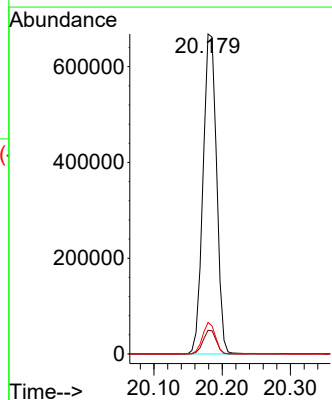
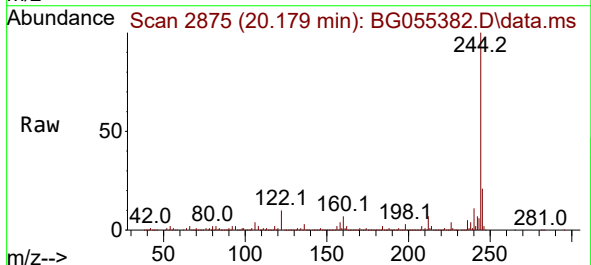
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER

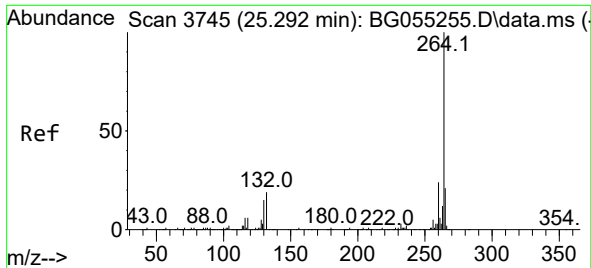
Tgt Ion:184 Resp: 13818
Ion Ratio Lower Upper
184 100
185 16.8 11.0 16.6#
183 6.4 10.0 15.0#



#79
Terphenyl-d14
Concen: 101.009 ng
RT: 20.179 min Scan# 2875
Delta R.T. -0.007 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

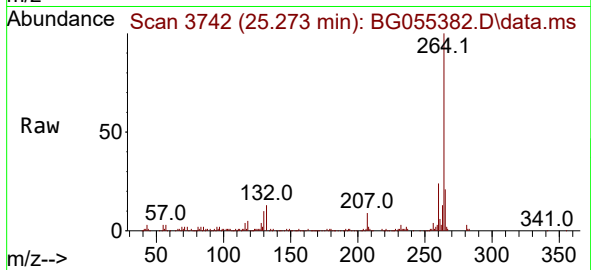
Tgt Ion:244 Resp: 926162
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.8 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.273 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG055382.D
Acq: 31 Oct 2022 16:21

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-SE-QUARTER



Tgt Ion:264 Resp: 206109
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.4 17.4 26.2

